EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	24856136	@ad<"20030916"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 17:58
L2	2	"6393545".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 18:01
L3	2	"6453398".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 18:56
L4	1	1 and map$4 with access$3 same (copy$3 copie$1) same (reconfigur$5 chang$3 alter$5 reprogram$4 program$4 redirect$3) same (granular$5 ("less than" adj page))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 18:16
L5	1	1 and (map$4 remap$4) same access$3 same (copy$3 copie$1 duplicat$3 backup (back adj up)) same (reconfigur$5 re-configur$5 chang$3 alter$5 reprogram$4 program$4 redirect$3 re-direct$3) same (granular$5 ("less than" adj page))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 18:19
L6	160	1 and (map$4 remap$4) same access$3 same (copy$3 copie$1 duplicat$3 mirror$3 backup (back adj up)) same (reconfigur$5 re-configur$5 chang$3 alter$5 reprogram$4 program$4 redirect$3 re-direct$3) same (granular$5 page)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 18:20

EAST Search History

L7	22	1 and (map$4 remap$4) same access$3 same (copy$3 copie$1 duplicat$3 mirror$3 backup (back adj up)) same (reconfigur$5 re-configur$5 chang$3 alter$5 reprogram$4 program$4 redirect$3 re-direct$3) same (granular$5 size) same page	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 18:22
L8	0	1 and logically adj (substitut$3 replac$5 swap$4 trad$3) same (copy$3 copie$1 duplicat$3 mirror$3 backup (back adj up)) same (reconfigur$5 re-configur$5 chang$3 alter$5 reprogram$4 program$4 redirect$3 re-direct$3) same (granular$5 size) same page	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 18:24
L9	0	1 and logic$4 with (substitut$3 replac$5 swap$4 trad$3) same (copy$3 copie$1 duplicat$3 mirror$3 backup (back adj up)) same (reconfigur$5 re-configur$5 chang$3 alter$5 reprogram$4 program$4 redirect$3 re-direct$3) same (granular$5 size) same page	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 18:24
L10	17	1 and logic$4 with (substitut$3 replac$5 swap$4 trad$3) same (copy$3 copie$1 duplicat$3 mirror$3 backup (back adj up)) same (reconfigur$5 re-configur$5 chang$3 alter$5 reprogram$4 program$4 redirect$3 re-direct$3) same (test$3 assur$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 20:13
L11	27	1 and logic with (substitut$3 replac$5 swap$4 trad$3) same (copy$3 copie$1 duplicat$3 mirror$3 backup (back adj up)) same (test$3 assur$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 18:45
L12	2	1 and (fail$2 adj over) and hot adj swap$4 and logic$4 same access$3 and (granular$5 size) with page	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 18:48
L13	27	1 and (fail$2 adj over) and logic$4 same (copy$3 copie$1 duplicat$3 mirror$3 backup (back adj up)) same access$3 and (granular$5 size) with page	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 18:51

EAST Search History

L14	2	"20050060514".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 18:51
L15	0	1 and memory adj location with "less than" with page	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 18:57
L16	0	1 and memory with "less than" with page	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 18:57
L17	1	1 and ("less than" granular$5 size) with page same hot adj swap$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 18:59
L18	17	1 and ("less than" granular$5 size) with (page block byte) same ((hot adj swap$4) (fail$2 adj over))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 19:06
L19	3	1 and (granular$5 size) with (block byte) same ((hot adj swap$4) (fail$2 adj over)) same test$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 19:08
L20	3	1 and (granular$5 size) with (block byte) same ((hot adj swap$4) (fail$2 adj over)) same (copy$3 copie$1 (back$3 adj up) backup duplicat$3 mirror$3 swap$4) same logic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 19:32

EAST Search History

L21	4640	(pomaranski.in. barr.in. shidla.in.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 19:27
L22	447	(pomaranski.in. barr.in. shidla.in.)	US-PGPUB	OR	ON	2007/04/12 19:27
L23	1	(21 22) and (quality adj assurance adj logic).clm. and reconfigure.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 19:27
L24	1681	711/202.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 19:28
L25	6416	(711/200.ccls. 711/154.ccls. 711/159. ccls. 711/161.ccls. 711/162.ccls. 711/165.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 19:30
L26	7021	(714/5.ccls. 714/6.ccls. 714/7.ccls. 714/8.ccls. 714/25.ccls. 714/30.ccls. 714/710.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 19:36
L27	44	(24 25 26) and (4 5 6 7 10 11 12 13 17 18 19 20)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 20:16
L28	7	(4 5 6 7 10 11 12 13 17 18 19 20) and crossbar	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 20:14

EAST Search History

L29	21	(4 5 6 7 10 11 12 13 17 18 19 20) and ((round adj robin) frequently recently) with (select$3 test$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 20:15
L30	44	(24 25 26) and (4 5 6 7 10 11 12 13 17 18 19 20 28 29)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 20:17
L31	0	(29 30) and "less than" with page	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 20:17
L32	0	(4 5 6 7 10 11 12 13 17 18 19 20 28 29) and ("less than" "smaller than") with page	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 20:18
L33	116	(4 5 6 7 10 11 12 13 17 18 19 20 28 29) and (byte block) with (size granular$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 20:18
L34	4	(4 5 6 7 10 11 12 13 17 18 19 20 28 29) and (byte block) with (size granular$5) and map$4 near3 logic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 20:19

☐ Search Session History

Thu, 12 Apr 2007, 8:12:35 PM EST

Edit an existing query or compose a new query in the Search Query Display.

Select a search number (#) to:

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- Combine search queries using AND, OR, or NOT
- Delete a search
- Run a search

Search Query Display

Recent Search Queries

#1	((mapping logic)<in>metadata)
#2	((mapping logic)<in>metadata)
#3	((map test logically replace)<in>metadata)
#4	((map test logically replace)<in>metadata)
#5	((map test logically replace)<in>metadata)
#6	((logically replace<in>metadata) <and> (copy<in>metadata))
#7	(lgically replace<in>metadata)
#8	((memory testing<in>metadata) <and> (less than a page<in>metadata))
#9	(selectively copies<in>metadata)
#10	(quality assurance logic<in>metadata)
#11	(control copying<in>metadata)
#12	((replace<in>metadata) <and> (test<in>metadata))<and> (reconfigure<in>metadata)

Terms used
memory mapping logic quality assurance testing page logically replace copy less than block byte

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Relevance scale

1 The relational model for database management: version 2
E. F. Codd
January 1990 Book
Publisher: Addison-Wesley Longman Publishing Co., Inc.
Full text available: pdf(28.61 MB) Additional Information: full citation, abstract, references, citings, index terms, review

From the Preface (See Front Matter for full Preface)

An important adjunct to precision is a sound theoretical foundation. The relational model is solidly based on two parts of mathematics: firstorder predicate logic and the theory of relations. This book, however, does not dwell on the theoretical foundations, but rather on all the features of the relational model that I now perceive as important for database users, and therefore for DBMS vendors. My perceptions result from 20 y ...

2 Charles W. Bachman interview: September 25-26, 2004; Tucson, Arizona
Thomas Haigh
January 2006 **ACM Oral History interviews**
Publisher: ACM Press
Full text available: pdf(761.66 KB) Additional Information: full citation, abstract

Charles W. Bachman reviews his career. Born during 1924 in Kansas, Bachman attended high school in East Lansing, Michigan before joining the Army Anti Aircraft Artillery Corp, with which he spent two years in the Southwest Pacific Theater, during World War II. After his discharge from the military, Bachman earned a B.Sc. in Mechanical Engineering in 1948, followed immediately by an M.Sc. in the same discipline, from the University of Pennsylvania. On graduation, he went to work for Do ...

3 Proceedings of the SIGNUM conference on the programming environment for development of numerical software
March 1979 **ACM SIGNUM Newsletter**, Volume 14 Issue 1
Publisher: ACM Press
Full text available: pdf(5.02 MB) Additional Information: full citation

4 Link and channel measurement: A simple mechanism for capturing and replaying

wireless channels
Glenn Judd, Peter Steenkiste
August 2005 **Proceeding of the 2005 ACM SIGCOMM workshop on Experimental approaches to wireless network design and analysis E-WIND '05**
Publisher: ACM Press
Full text available: pdf(6.06 MB) Additional Information: full citation, abstract, references, index terms

Physical layer wireless network emulation has the potential to be a powerful experimental tool. An important challenge in physical emulation, and traditional simulation, is to accurately model the wireless channel. In this paper we examine the possibility of using on-card signal strength measurements to capture wireless channel traces. A key advantage of this approach is the simplicity and ubiquity with which these measurements can be obtained since virtually all wireless devices provide the req ...

Keywords: channel capture, emulation, wireless

5 A history of the Promis technology: an effective human interface
Jan Schultz
January 1986 **Proceedings of the ACM Conference on The history of personal workstations**
Publisher: ACM Press
Full text available: pdf(2.61 MB) Additional Information: full citation, abstract, references, index terms

Scientific computing systems for individuals were pioneered early at Hewlett-Packard, beginning with the 9100A Desktop Calculator in 1968. Extensions of this first machine were soon seen in Personal Peripherals, such as Printers, Tape Cartridges, and Plotters, and followed by Graphic CRT Displays. By early 1972, the Desktop unit had been augmented by a very powerful Pocket Calculator, the ground-breaking HP 35A.This paper traces the evolution of these machines to the present day, ...

6 Preventing interrupt overload
John Regehr, Usit Duongsaa
June 2005 **ACM SIGPLAN Notices , Proceedings of the 2005 ACM SIGPLAN/SIGBED conference on Languages, compilers, and tools for embedded systems LCTES '05**, Volume 40 Issue 7
Publisher: ACM Press
Full text available: pdf(291.66 KB) Additional Information: full citation, abstract, references, citings, index terms

Performance guarantees can be given to tasks in an embedded system by ensuring that access to each shared resource is mediated by an appropriate scheduler. However, almost all previous work on CPU scheduling has focused on thread-level scheduling, resulting in systems that are vulnerable to a lower-level form of overload that occurs when too many interrupts arrive. This paper describes three new techniques, two software-based and one hardware-based, for creating systems that delay or drop excess ...

Keywords: embedded, interrupts, overload, scheduling

7 Formal verification in hardware design: a survey
Christoph Kern, Mark R. Greenstreet
April 1999 **ACM Transactions on Design Automation of Electronic Systems (TODAES)**, Volume 4 Issue 2
Publisher: ACM Press
Full text available: pdf(411.53 KB) Additional Information: full citation, abstract, references, citings, index terms

In recent years, formal methods have emerged as an alternative approach to ensuring the quality and correctness of hardware designs, overcoming some of the limitations of traditional validation techniques such as simulation and testing. There are two main aspects to the application of formal methods in a design process: the formal framework used to specify desired properties of a design and the verification techniques and tools used to reason about the relationship between a spec ...

Keywords: case studies, formal methods, formal verification, hardware verification, language containment, model checking, survey, theorem proving

8 Data base directions: the next steps

John L. Berg
November 1976 **ACM SIGMOD Record , ACM SIGMIS Database**, Volume 8 , 8 Issue 4 , 2
Publisher: ACM Press
Full text available: pdf(9.95 MB) Additional Information: full citation, abstract, citings

What information about data base technology does a manager need to make prudent decisions about using this new technology? To provide this information the National Bureau of Standards and the Association for Computing Machinery established a workshop of approximately 80 experts in five major subject areas. The five subject areas were auditing, evolving technology, government regulations, standards, and user experience. Each area prepared a report contained in these proceedings. The proceedings p ...

Keywords: DBMS, auditing, cost/benefit analysis, data base, data base management, government regulation, management objectives, privacy, security, standards, technology assessment, user experience

9 Guidance for the use of the Ada programming language in high integrity systems

B. A. Wichmann
July 1998 **ACM SIGAda Ada Letters**, Volume XVIII Issue 4
Publisher: ACM Press
Full text available: pdf(2.93 MB) Additional Information: full citation, abstract, citings, index terms

This paper is the current result of a study by the ISO HRG Rapporteur group which is being circulated for comment. Many people have contributed to this, but those who have either attended two recent meetings of group or have made substantial e-mail comments are: Praful V Bhansali (Boeing, USA), Alan Burns (University of York, UK), Bernard Carre' (Praxis Critical Systems, UK), Dan Craigen (ORA, Canada), Nick Johnson MoD, UK), Stephen Michell (Canada), Gilles Motet (DGEI/INSA, France), George Roma ...

10 Measuring and characterizing end-to-end Internet service performance

Ludmila Cherkasova, Yun Fu, Wenting Tang, Amin Vahdat
November 2003 **ACM Transactions on Internet Technology (TOIT)**, Volume 3 Issue 4
Publisher: ACM Press
Full text available: pdf(1.46 MB) Additional Information: full citation, abstract, references, citings, index terms

Fundamental to the design of reliable, high-performance network services is an understanding of the performance characteristics of the service as perceived by the client population as a whole. Understanding and measuring such end-to-end service performance is a challenging task. Current techniques include periodic sampling of service characteristics from strategic locations in the network and instrumenting Web pages with code that reports client-perceived latency back to a performance server. Li ...

Keywords: End-to-end service performance, QoS, network packet traces, passive

monitoring, reconstruction of web page composition, web site performance

11 Automated assistance for program restructuring

William G. Griswold, David Notkin
July 1993 **ACM Transactions on Software Engineering and Methodology (TOSEM)**, Volume 2 Issue 3
Publisher: ACM Press

Full text available: pdf(2.87 MB) Additional Information: full citation, abstract, references, citings, index terms

Maintenance tends to degrade the structure of software, ultimately making maintenance more costly. At times, then, it is worthwhile to manipulate the structure of a system to make changes easier. However, manual restructuring is an error-prone and expensive activity. By separating structural manipulations from other maintenance activities, the semantics of a system can be held constant by a tool, assuring that no errors are introduced by restructuring. To allow the maintenance team to focus ...

Keywords: CASE, flow analysis, meaning-preserving transformations, software engineering, software evolution, software maintenance, software restructuring, source-level restructuring

12 The design and implementation of distributed Smalltalk

John K. Bennett
December 1987 **ACM SIGPLAN Notices , Conference proceedings on Object-oriented programming systems, languages and applications OOPSLA '87**, Volume 22 Issue 12
Publisher: ACM Press

Full text available: pdf(1.46 MB) Additional Information: full citation, abstract, references, citings, index terms

Distributed Smalltalk (DS) is an implementation of Smalltalk that allows objects on different machines to send and respond to messages. It also provides some capability for sharing objects among users. The distributed aspects of the system are largely user transparent and preserve the reactive quality of Smalltalk objects. Distributed Smalltalk is currently operational on a network of Sun workstations. The implementation includes an incremental distributed garbage collector and support for ...

13 Automated deductive requirements analysis of critical systems

Angelo Gargantini, Angelo Morzenti
July 2001 **ACM Transactions on Software Engineering and Methodology (TOSEM)**, Volume 10 Issue 3
Publisher: ACM Press

Full text available: pdf(283.25 KB) Additional Information: full citation, abstract, references, citings, index terms, review

We advocate the need for automated support to System Requirement Analysis in the development of time- and safety-critical computer-based systems. To this end we pursue an approach based on deductive analysis: high-level, real-world entities and notions, such as events, states, finite variability, cause-effect relations, are modeled through the temporal logic TRIO, and the resulting deductive system is implemented by means of the theorem prover PVS. Throughout the paper, the constructs and f ...

Keywords: finite variability, hybrid systems, state-transition systems, temporal logic, theorem proving

14 Conference on Data Systems Languages (CODASYL) interview: May 27-28, 1969
Charlie Bachman, Dan Fogal, Jack Jones, Dick Kerr, Chuck Greenberger, David Black, Mary Hollis, Greg Dillon, Jim Sweeney, Steve Wright, Bob Bemer, Grace Murray Hopper, Bill Randall, Brian Reynolds, Danny ?, Bill Olle, John Young, Warren Simmons, Bob Grace, Howard Bramberg, Marty Greenville, Stan Epwood, Anaheim Bushed, Tax Metaxides, Bill McGee, John Gosden, Marty Greenfield, Jonas Raven, George Mann, Goodrich Hubert, Ron Hamm, Jim Manner, Herb Beta, Bill Keating, Peg Harper, Dick Schubert, Herb Manative
August 1999 **Computer Oral History Collection**
Publisher: Smithsonian Institution Press
Full text available: Publisher Site Additional Information: full citation

15 Embedded, ubiquitous, and adaptive systems: Ubiquitous RATs: how resource-aware run-time tests can improve ubiquitous software systems
Matthias Merdes, Rainer Malaka, Dima Suliman, Barbara Paech, Daniel Brenner, Colin Atkinson
November 2006 **Proceedings of the 6th international workshop on Software engineering and middleware SEM '06**
Publisher: ACM Press
Full text available: pdf(376.15 KB) Additional Information: full citation, abstract, references, index terms

In this paper we describe a new approach for increasing the reliability of ubiquitous software systems. This is achieved by executing tests at run-time. The individual software components are consequently accompanied by executable tests. We augment this well-known built-in test (BIT) paradigm by combining it with resource-awareness. Starting from the constraints for such resource-aware tests (RATs) we derive their design and describe a number of strategies for executing such tests under resource ...

Keywords: MORABIT, built-in test (BIT), resource-aware test (RAT), run-time testing, ubiquitous software

16 The laserROM project: a case study in document processing systems
Mike Rafeld
January 2000 **Proceedings of the ACM conference on Document processing systems DOCPROCS '88**
Publisher: ACM Press
Full text available: pdf(615.50 KB) Additional Information: full citation, references, citings, index terms

Results 1 - 16 of 16